

AMENDMENTS TO THE CLAIMS

1.(cancelled):

2.(currently amended): The A radio switching system according to claim 1,
comprising:

a mobile subscriber;

a base station controller for controlling a transmission and reception of a signal
from the mobile subscriber within its own cell;

a mobile switching center connecting with a plurality of base station controllers;

and

a home location register for storing home zone information indicating whether or
not the mobile subscriber is a subscriber of a home zone service, which restricts a moving
area of the mobile subscriber, wherein

the mobile switching center judges responsively to a position registration request
inside/outside a home zone by the mobile subscriber, whether or not the registration is
accepted in the home zone, based on the home zone information transmitted from the
home location register, and

wherein each time a radio area is changed by a hand-over, etc. of the mobile subscriber, based on the home zone information, the mobile switching center further performs a processing in response to registration conditions inside/outside the home zone of the mobile subscriber.

3.(original): The radio switching system according to claim 2, wherein the

registration conditions inside/outside the mobile subscriber are a service condition and the number of times of allowable hand-over.

4.(original): The radio switching system according to claim 2, further comprising a plurality of the mobile switching centers, wherein when the change of the radio area by the hand-over of the mobile subscriber strides over the plurality of mobile switching centers, the home zone information is added to existent hand-over messages, and is transmitted and received between the plurality of mobile switching centers.

5.(currently amended): The radio switching system according to claim 4, 2 wherein the mobile switching center collects a history in the hand-over during speaking by a telephone as accounting information.

6.(original): The radio switching system according to claim 5, wherein the history in the hand-over is the number of times of hand-over, positions of an ex-address and new address, or cell information.

7.(canceled):

8.(currently amended): The radio switching system according to claim 4, 2 comprising means for notifying the mobile subscriber of the point of time when an access by the mobile subscriber is caused and a fact that the subscriber is inside or outside the home zone during speaking by the telephone.

9.(currently amended): The radio switching system according to claim 1, 2
wherein the means for notifying the mobile subscriber sends audible information or text
information.

10.(allowed): The radio switching system, comprising:
a mobile subscriber;
a base station controller for controlling a transmission and reception of a
signal of the mobile subscriber within its own cell;
a mobile switching center connecting with a plurality of the base station
controllers; and
a home location register for storing home zone information whether or not
the mobile subscriber is a subscriber of home zone services, wherein
a location registration area where, after the mobile subscriber subscribed
in the home zone services makes a service subscription request in the mobile switching
center, a location registration is first performed, or a location registration area until, in the
case where the mobile switching center desires to register a plurality of areas, the number
of areas which are registered the positions reaches a predetermined number is established
as a home zone.

11.(allowed): A radio switching system, comprising:
a mobile subscriber;
a base station controller for controlling a transmission and reception of a
signal of the mobile subscriber within its own cell;
a mobile switching center connecting with a plurality of the base station

controllers; and

a home location register for storing home zone information whether or not the mobile subscriber is a subscriber of home zone services, wherein

the mobile switching center has means for counting the number of times of location registration of each area in which the mobile subscriber subscribed in the home zone services performed the location registration within a predetermined period of time, and the location registration area where the number of times of registration counted by the counting means after the predetermined period of time is expired is high is established as a home zone.

12.(canceled):

13.(allowed): A method of collecting accounting information in a mobile switching center in a radio switching system, the method comprising:

receiving from a switching center accounting information which the switching center generates based on controlling a hand-over; and

editing the accounting information based on account conditions in accordance with the hand-over,

wherein the accounting information contains a subscriber identifier, and recognition information including one of the interior and exterior of a home zone assigned to the subscriber identifier.